SLOW RAMP MODE CHANGE

Q - SW ADV SYNC

FIXED 1150NS DELAY

REV	BRIEF DESCRIPTION OF CHANGE	ECO	DATE	BY	APPR

SEE SHEET 13

SH 10 -5.0V
SH 2 QSWADV CMND
SH 1 COMPUTER
SH 1 COMPUTER
SH 1,4 INT7 SINGLE SHOT
SH 1,4 INT5 LONG PULSE
SH 1,4 INT6 EXT Q-SW
SH 1,4 INT4 Q-SW
SH 5 SOFT LAMP BLANK
SH 3,10 10VREF
SH 3,10 SLOW RAMP
SH 4 QBLANK
SH 3,5,7 INT36 QSWR
SH 12 FF BLANK
J21 30
SH 10 INT40 QSWADV TRIG
SH 4 850NSDLY
SH 4 ADVDLY
SH 2 CMND

R146 20K, R147 20K, R152 20K, R144 20K, R2 20K, R3 20K, R6 20K, 1N914, CR32, CR33, CR35, CR30, CR2, CR3, CR4
C117 .01, C118 .01, C120 .01, C115 .01, C7 .01, C8 .01, C9 .01
U52, U51, U3, LM339AN
R143 40.2K, R148 20K, R150 40.2K, R5 40.2K, R4 40.2K, C10 0.1, C221 .01
U4, LM339AN
R125 10K, R126 10K, R124 10K, R127 10K, R139 13.3K
U31 LF347N, C69 0.1
U33 LM319N, C71 0.1, C109 220PF, C108 0.1, C107 0.1
U47 AD817AN
Q24 VN10KM
R87 680, C75 0.1, R86 680
C112 0.1, U50 CD4049
U58 VDD SET J K CLK RESET Q VSS CD4027
U38 CD4071
U16 CD4027
R103 10K, C159 0.1, R222 15K, C86 100PF
U37 CD4098 RESET RX CX +TR -TR
R83 10K, C74 0.1, C72 0.1, R84 680, C73 0.1, R85 680
U33 LM319N
R173 8.06K, C135 220PF, C134 0.1, C133 0.1
U57 AD817AN
Q28 VN10KM
C136 0.1, FIXED DELAY TP36
Q11 2N3906, R56 10K, R55 10K, R94 49.9K, R95 49.9K
U17 LM339AN, R57 330K, C44 0.1
Q9 2N3906, R50 10K, R51 10K, Q10 2N3906
FFRST SH 10
R54 20K, C43 0.1

FILE:MAIN9.SCH

QTY	ITEM	PART NUMBER	DESCRIPTION

	NAME	DATE
DFTS.	B.PATRICK	1/97
CHK.		
ENG.	S.LAWRENCE	1/97
MFG.		
MODEL	NEXT ASSY.	
FINISH:		

Spectra-Physics, MOUNTAIN VIEW CA 94042

TOLERANCES, UNLESS OTHERWISE SPECIFIED: .X ± .XX ± .XXX ± MM: ± ANGLES: ± SURF.FIN: ± ✓

CONFIDENTIAL: SPECTRA-PHYSICS PROPRIETARY

GENERAL TOLERANCES PER S-P DOCUMENT NO. C-6134

SCHEMATIC, MAIN CONTROL P.C.B.

SCALE	SIZE	DRAWING NUMBER	SHEET	REV.
NONE	D	0452-9680	9 OF 13	1